ABSTRACT:

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A method for generating a digital signal representative of the pairing error between the channels of an analog digital conversion system with time interleaving, and a method for suppressing the errors thus calculated and an analog digital conversion system with time interleaving using same. The method comprises determining a spectrum (11-12) of the digital signal as a function of a frequency response of the analog digital conversion system with time interleaving (CAN 10) to at least one analog calibration signal (IC), and generating a "comb" signal whose spectrum is composed of frequency lines kFs/N, where Fs is a sampling frequency and N a number of channels of the analog digital conversion system with time interleaving, and whose amplitude is dependent on the frequency response of the analog digital converter.